

CLAIMS

1. A telephone operable on an Integrated Services Digital Network (ISDN), the telephone operable in one of a remote mode and a local mode, the telephone comprising:

5 a system bus;
a network interface to provide connection between the system bus and the network;
a memory system coupled with the system bus to store data and instructions; and

10 a processor coupled with the network interface and operating with the stored data and instructions to establish call control procedures,
in response to a first message over the network

15 containing a first code identifying the origin of the an incoming call and indicating the incoming call should be transferred from a second telephone connected with the network to the telephone and responsive to operation in the remote mode, the processor operative to send a second message through the network to the second telephone, the message including the first code and a second code identifying the origin of the
20 second message,

25 in response to a third message over the network from the second telephone requesting transfer of the incoming call, the processor operative to initiate a network transfer of the incoming call to the
30 second telephone, disconnecting the telephone from the incoming call.

2. The telephone of claim 1 further comprising a local/remote mode actuator.

5 3. The telephone of claim 2 wherein the local/remote mode actuator comprises a pushbutton of the telephone.

10 4. The telephone of claim 2 wherein the local/remote mode actuator comprises the processor and stored data and instructions responsive to a mode change instruction received over the network.

15 5. The telephone of claim 1 wherein the network interface is configured to receive messages transmitted over an ISDN D channel.

20 6. The telephone of claim 1 wherein the network interface is configured to provide connection between the system bus and an ISDN signaling channel and a communication channel.

25 7. A telephone operable on an Integrated Services Digital Network (ISDN), the telephone comprising:
a system bus;
a network interface to provide connection between
the system bus and the network;
a memory system coupled with the system bus to store
data and instructions; and
30 a processor coupled with the network interface and
operating with the stored data and instructions
to establish call control procedures,

in response to a message waiting activation
signal over the network, the processor
operative to construct a coded message
indicating a voice mail message on the
network and operative to transmit the
coded message to a second telephone.

8. The telephone of claim 7 wherein the network
interface is configured to provide connection between the
system bus and an ISDN signaling channel and a
communication channel.

9. The telephone of claim 8 wherein the message
waiting activation signal and the coded message are
received on the ISDN signaling channel.